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ABSTRACT OF THE DISCLOSURE

A guide wire, and a method for the manufacture thereof, having a core and a plastic jacket enclosing the core. The plastic jacket comprises a proximal portion formed of a first plastic material and a distal jacket portion formed of a second plastic material. The distal end of the proximal jacket portion and the proximal end of the distal jacket portion substantially abut each other and are of substantially equal outer diameters so as to form a smooth transition between the proximal and the distal jacket portions. According to another aspect, there is provided a guide wire with a selectively formable metallic core and a plastic jacket encasing the formable core. The plastic jacket has a distal portion with a hydrophilic coating and a proximal portion without a hydrophilic coating. According to another aspect, there is provided a guide wire having a formable metallic core and a plastic jacket encasing the formable core. The plastic jacket has a distal portion that is more radiopaque than a proximal portion.

STATE UNDER 37 C.F.R. 1.101. The undersigned hereby certifies that this paper or matter, as described hereon, are being deposited in the United States Patent Office as "Inventor's Certificate" having an "Inventor's Certificate" filed on the 11th day of September 1995.

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In witness whereof, I have signed

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